

103^D CONGRESS
1ST SESSION

H. R. 89

To authorize a program of grants to States and establish a technology agency within the Department of Education to improve the use of technology in elementary and secondary schools.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 5, 1993

Mr. KILDEE introduced the following bill; which was referred to the
Committee on Education and Labor

A BILL

To authorize a program of grants to States and establish a technology agency within the Department of Education to improve the use of technology in elementary and secondary schools.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Technology Education
5 Assistance Act of 1993”.

6 **SEC. 2. STATEMENT OF PURPOSE.**

7 The purpose of this Act is—

8 (1) to authorize grants to States that—

1 (A) strengthen the skills of teachers in ef-
2 fectively utilizing technology in their courses of
3 instruction; and

4 (B) improve the academic performance of
5 students in the classroom; and

6 (2) to establish within the Department of Edu-
7 cation, an agency with primary responsibility for—

8 (A) establishing national standards for the
9 introduction, use, and upgrading of technology
10 in schools;

11 (B) reducing barriers which may impede
12 the exchange of information between schools in
13 different localities and States; and

14 (C) developing a financing system which
15 will enable schools to purchase technology.

16 **TITLE I—STATE GRANTS AND**
17 **NATIONAL PROGRAMS**

18 **SEC. 101. PROGRAM AUTHORIZED.**

19 (a) GRANTS.—The Secretary is authorized to make
20 grants to States in accordance with the provisions of this
21 subpart to strengthen the skills of teachers and improve
22 instruction regarding the use of technology in the class-
23 room.

24 (b) AUTHORIZATION OF APPROPRIATIONS.—There
25 are authorized to be appropriated for the purposes of this

1 part, \$500,000,000 for fiscal year 1993 and such sums
2 as may be necessary for each of the 5 succeeding fiscal
3 years.

4 **SEC. 102. ALLOCATION OF FUNDS.**

5 (a) IN GENERAL.—(1) From the amount appro-
6 priated under section 101(b) for any fiscal year, the Sec-
7 retary shall reserve—

8 (A) not more than $\frac{1}{2}$ of 1 percent for allocation
9 among Guam, American Samoa, the Virgin Islands,
10 the Northern Mariana Islands, and the Trust Terri-
11 tory of the Pacific Islands according to their respec-
12 tive needs for assistance under this subpart;

13 (B) $\frac{1}{2}$ of 1 percent for programs for Indian
14 students served by schools funded by the Secretary
15 of the Interior consistent with the purposes of this
16 subpart; and

17 (C) 4 percent for section 2012.

18 (2) The remainder of the amount so appropriated
19 (after meeting the requirements of paragraph (1)) shall
20 be allocated among the States (treating the District of Co-
21 lumbia and Puerto Rico as States) as follows—

22 (A) $\frac{1}{2}$ of such remainder shall be allocated
23 among the States by allocating to each State an
24 amount which bears the same ratio to such $\frac{1}{2}$ of
25 such remainder as the number of children aged 5 to

1 17, inclusive, in the State bears to the number of
2 such children in all States; and

3 (B) $\frac{1}{2}$ of such remainder shall be allocated
4 among the States according to each State's share of
5 allocations under chapter 1 of the Education Con-
6 solidation and Improvement Act of 1981 or part A
7 of chapter 1 of title I of this Act, whichever program
8 was effective for the previous fiscal year,
9 except that no State shall receive less than $\frac{1}{2}$ of 1 percent
10 of the amount available under this subsection in any fiscal
11 year or less than the amount allotted to such State for
12 fiscal year 1988 under title II of the Education for Eco-
13 nomic Security Act.

14 (3) For the purposes of this subsection, the term
15 "State" does not include Guam, American Samoa, the Vir-
16 gin Islands, the Northern Mariana Islands, or the Trust
17 Territory of the Pacific Islands.

18 (4) The number of children aged 5 to 17, inclusive,
19 in the State and in all States shall be determined by the
20 Secretary on the basis of the most recent satisfactory data
21 available to the Secretary.

22 (5) The Secretary shall make payments under para-
23 graph (1)(B) on whatever terms the Secretary determines
24 will best carry out the purposes of this subpart.

1 (b) REALLOTMENT OF UNUSED FUNDS.—The
2 amount of any State's allotment under subsection (a) for
3 any fiscal year to carry out this subpart which the Sec-
4 retary determines will not be required for that fiscal year
5 to carry out this subpart shall be available for reallocation
6 from time to time, on such dates during that year as the
7 Secretary may determine, to other States in proportion to
8 the original allotments to those States under subsection
9 (a) for that year but with such proportionate amount for
10 any of those other States being reduced to the extent it
11 exceeds the sum the Secretary estimates that State needs
12 and will be able to use for that year; and the total of those
13 reductions shall be similarly reallocated among the States
14 whose proportionate amounts were not so reduced. Any
15 amounts reallocated to a State under this subsection during
16 a year shall be deemed a subpart of its allotment under
17 subsection (a) for that year.

18 **SEC. 103. IN-STATE APPORTIONMENT.**

19 (a) ELEMENTARY AND SECONDARY EDUCATION PRO-
20 GRAMS.—(1) For each fiscal year, an amount equal to 75
21 percent of each State's allotment under section 102 shall
22 be used for elementary and secondary education programs
23 in accordance with section 104 and for technical assist-
24 ance under section 104(c).

(b) HIGHER EDUCATION PROGRAMS.—For each fiscal year, 25 percent of each State's allotment under section 102 shall be used for higher education programs in accordance with section 105.

(a) IN GENERAL.—The amount apportioned under section 103(a)(2) from each State’s allotment under this subpart shall be used by the State educational agency to strengthen elementary and secondary education programs in accordance with the provisions of this section.

(b) LOCAL EDUCATIONAL AGENCIES.—(1) Each local educational agency shall use funds distributed under this subpart for—

(A) the expansion and improvement of preservice training, inservice training, and retraining of teachers and other appropriate school personnel regarding the use of technology in schools, including the use of computers, videos, and telecommunications to enhance instruction.

(B) providing funds for grants projects for individual teachers within the local educational agency

1 to undertake projects to improve their teaching abil-
2 ity or to improve the instructional materials used in
3 their classrooms through the use of technology.

4 (2) Such training and instruction may be carried out
5 through agreements with public agencies, private industry,
6 institutions of higher education, and nonprofit organiza-
7 tions, including museums, libraries, educational television
8 stations, and other appropriate institutions. A local edu-
9 cational agency may carry out the activities authorized by
10 this paragraph with one or more other local educational
11 agencies within the State, or with the State educational
12 agency, or both. Each local educational agency shall as-
13 sure that programs of training, inservice training and re-
14 training will take into account the need for greater access
15 to and participation in the use of technology in the class-
16 room.

17 (3) A local educational agency for any fiscal year may
18 apply for funds as part of a consortium with other local
19 educational agencies, institutions of higher education, or
20 an intermediate educational unit for the conduct of local
21 programs. The State educational agency may assist in the
22 formation of consortia between local educational agencies,
23 institutions of higher education, or intermediate edu-
24 cational units to provide services for the teachers and stu-

1 dents in such local educational agency at the request of
2 such local educational agency.

3 (4) Not more than 5 percent of funds available to
4 the local educational agency for the purpose of this section
5 for any fiscal year may be used for local administration.

6 (c) TECHNICAL ASSISTANCE AND EVALUATION
7 COSTS.—Not more than 5 percent of the amount available
8 under this section, or \$20,000, whichever is greater, may
9 be used by the State educational agency—

10 (1) to provide technical assistance to local edu-
11 cational agencies; and

12 (2) for the costs of evaluation of programs as-
13 sisted under this part.

14 **SEC. 105. HIGHER EDUCATION PROGRAMS.**

15 (a) IN GENERAL.—Except as provided in paragraph
16 (2), the amount apportioned under section 103(b) from
17 each State's allotment under this subpart shall be used
18 by the State agency for higher education for education
19 programs in accordance with the provisions of this section.

20 (b) GRANTS TO INSTITUTIONS OF HIGHER EDU-
21 CATION.—(1)(A) Not less than 95 percent or the remain-
22 der after application of subsection (d) of the amount avail-
23 able for this section shall be used by the State agency for
24 higher education for grants to institutions of higher edu-
25 cation in accordance with the provisions of this subsection.

1 (B) The State agency for higher education shall make
2 funds available on a competitive basis to institutions of
3 higher education in the State which apply for payments
4 under this section and which demonstrate involvement of
5 local educational agencies. The State agency for higher
6 education shall make every effort to ensure equitable par-
7 ticipation of private and public institutions of higher edu-
8 cation.

9 (2) The amount available under this subsection shall
10 be used for—

11 (A) establishing traineeship programs for new
12 teachers who will specialize in the use of technology
13 as an educational adjunct; and

14 (B) inservice training for elementary, second-
15 ary, and vocational school teachers and training for
16 other appropriate school personnel to improve their
17 teaching skills in the use of technology in the class-
18 room.

19 (3) No institution of higher education may receive as-
20 sistance under paragraphs (2)(B) and (2)(C) of this sub-
21 section unless the institution enters into an agreement
22 with a local educational agency, or consortium of such
23 agencies, to provide inservice training and retraining for
24 the elementary and secondary school teachers in the public

1 and private schools of the school district of each such
2 agency.

3 (c) COOPERATIVE PROGRAMS.—The State agency for
4 higher education may use funds described in subsection
5 (b)(1)(A) for cooperative programs among institutions of
6 higher education, local educational agencies, private indus-
7 try, and nonprofit organizations, for the development and
8 dissemination of projects to improve student performance
9 in all academic areas.

10 (d) EVALUATION COSTS.—Not to exceed 5 percent
11 of the amount available under this section, or \$20,000,
12 whichever is greater, may be used by the State agency for
13 higher education for—

14 (1) the State evaluation required by section
15 106(c); and

16 (2) the costs incurred by such agency for eval-
17 uation of programs assisted under this subpart.

18 **SEC. 106. STATE APPLICATION.**

19 (a) APPLICATION.—Each State which desires to re-
20 ceive a grant under this subpart shall file an application
21 with the Secretary which covers a period of 3 fiscal years.
22 Such application shall be filed at such time, in such man-
23 ner, and containing or accompanied by such information
24 as the Secretary may reasonably require.

1 (b) CONTENTS OF APPLICATION.—Each such appli-
2 cation shall—

3 (1) designate the State educational agency for
4 the purpose of programs described in section 104,
5 and the State agency for higher education for the
6 purpose of programs described in section 105 as the
7 agency or agencies responsible for the administration
8 and supervision of the programs described in section
9 104 or 105, as the case may be;

10 (2) provide assurances that—

11 (A) payments will be distributed by the
12 State in accordance with the provisions of this
13 title;

14 (B) the State will provide such fiscal con-
15 trol and funds accounting as the Secretary may
16 require;

17 (C) funds provided under this part will
18 supplement, not supplant, State and local funds
19 made available for activities authorized under
20 this subpart;

21 (D) during the 3-year period of the plan,
22 the State will evaluate its standards for teacher
23 preparation in the use of technology;

24 (E) that the programs conducted with
25 State funds will be evaluated (including statis-

1 tics on the number of students and teachers in-
2 volved in these programs) and that the data
3 from such evaluations, as well as a summary of
4 the local evaluations shall be submitted to the
5 Secretary;

6 (3) if appropriate, provide a description of how
7 funds paid under this subpart will be coordinated
8 with State and local funds and other Federal re-
9 sources; and

10 (4) describe procedures—

11 (A) for submitting applications for pro-
12 grams described in sections 104 and 105 for
13 distribution of payments under this subpart
14 within the State, and

15 (B) for approval of applications by the ap-
16 propriate State agency, including appropriate
17 procedures to assure that such agency will not
18 disapprove an application without notice and
19 opportunity for a hearing.

20 (c) APPROVAL.—The Secretary shall expeditiously
21 approve any State application that meets the requirements
22 of this section.

23 **SEC. 107. LOCAL APPLICATION.**

24 (a) APPLICATION.—A local educational agency that
25 desires to receive a grant under this subpart shall submit

1 an application which covers a 3-year period (singly or in
2 conjunction with other local educational agencies, institu-
3 tions of higher education, or an intermediate educational
4 unit).

5 (b) CONTENTS OF APPLICATION.—A local edu-
6 cational agency application shall—

7 (1) describe how the local educational agency
8 plans to use funds received under this subpart to im-
9 prove the use of technology in the classroom;

10 (2) describe how funds under this subpart will
11 be coordinated with State and local and other Fed-
12 eral resources;

13 (3) describe how the programs will use other re-
14 sources of the community and involve public agen-
15 cies, private industry, institutions of higher edu-
16 cation, public and private nonprofit organizations,
17 and other appropriate institutions; and

18 (4) assure that the programs will be evaluated,
19 that progress made will be reported in terms of
20 numbers of teachers and students affected, and that
21 the results will be submitted to the State educational
22 agency in the time and manner required.

23 (c) RENEWAL OF PAYMENTS.—The State educational
24 agency shall make payments to local educational agencies
25 to carry out the second and third year activities of their

1 3-year projects under this section based upon a determina-
 2 tion by the State educational agency that the local edu-
 3 cational agency is making adequate progress toward the
 4 goals of this subpart. The State educational agency will
 5 not disapprove an application without notice.

6 **SEC. 108. FEDERAL ADMINISTRATION.**

7 (a) EVALUATION PROCEDURES.—The Secretary
 8 shall, with State and local representatives, develop proce-
 9 dures for State and local evaluations of the programs
 10 under this subpart.

11 (b) SUMMARY.—The Secretary shall submit to the
 12 Congress every 2 years a summary of the State evalua-
 13 tions of programs under this subpart.

14 **TITLE II—TECHNOLOGY AGENCY**

15 **SEC. 201. EDUCATION TECHNOLOGY AGENCY.**

16 Title II of the Department of Education Organization
 17 Act (20 U.S.C. 3411 et seq.) is amended by adding at
 18 the end the following new section:

19 **“SEC. 405A. EDUCATION TECHNOLOGY AGENCY.**

20 **“(a) ESTABLISHMENT.—**

21 **“(1) OFFICE ESTABLISHED.—**The Secretary
 22 shall establish within the Department of Education
 23 an Education Technology Agency.

24 **“(2) DIRECTOR.—**The Education Technology
 25 Agency (hereafter in this section referred to as the

1 ‘Agency’) shall be headed by a Director, who shall
2 be appointed by the Secretary and shall have dem-
3 onstrated expertise and experience in the application
4 of a broad range of technologies for instruction and
5 educational management, and in planning and policy
6 formulation pertaining to technology application at
7 all levels in the education system. The Director shall
8 be compensated at the rate of pay payable for level
9 IV of the Executive Schedule.

10 “(b) TECHNOLOGY BOARD.—The Secretary shall ap-
11 point a Technology Board consisting of 11 members, of
12 which—

13 “(1) six such members shall have demonstrated
14 competencies or expertise in developing technology
15 systems;

16 “(2) five such members shall have past and on-
17 going experience with education at the State or local
18 school level;

19 “(3) four such members shall have experience
20 in financial matters related to the issuance of bonds
21 or the development and distribution of loans; and

22 “(4) at least 3 such members shall be educators
23 with experience in using technology in the classroom.

24 “(c) PERSONNEL.—In order to carry out the provi-
25 sions of this section, the Director may appoint personnel

1 in accordance with title 5, United States Code, and may
2 compensate such personnel in accordance with the General
3 Schedule described in section 5332 of title 5, United
4 States Code.

5 “(d) FUNCTIONS OF THE AGENCY.—The Secretary,
6 through the Office, shall—

7 “(1) provide leadership for policy development
8 and coordinate technology-related education activi-
9 ties within the Department of Education;

10 “(2) coordinate with the Federal Coordinating
11 Council on Science, Engineering and Technology and
12 other Federal agencies to establish national stand-
13 ards for the integration, utilization and upgrading of
14 technology in schools;

15 “(3) work with relevant Federal agencies to re-
16 duce regulatory barriers which prevent schools from
17 integrating technology into the classroom;

18 “(4) consult, cooperate, and coordinate edu-
19 cational technology programs with analogous pro-
20 grams of other Federal agencies and initiate inter-
21 agency agreements for joint funding of such pro-
22 grams;

23 “(5) make recommendations for wider applica-
24 tions of the use of technology in Federal education
25 programs;

1 “(6) develop a proposal for a system that will
2 enable local school districts, schools and classrooms
3 nationwide to communicate via computer systems,
4 visual transmission systems, including open broad-
5 cast, closed circuit, cable, microwave, or satellite
6 transmission, the use of video cassettes, video discs,
7 fiber optics, and other systems or devices which
8 produce visual images, and other technological meth-
9 ods; and

10 “(7) develop a proposal for schools to finance
11 the purchase of technology through the issuance of
12 federally guaranteed bonds using a secondary agent
13 or a federally guaranteed loan program.

14 “(e) AUTHORIZATION OF APPROPRIATIONS.—There
15 are authorized to be appropriated \$5,000,000 for the fis-
16 cal year 1993 and such sums as may be necessary for each
17 of the fiscal years 1994 through 1999 for salaries and ex-
18 penses of the Office.”.

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